

## 2.9.2 Solid Waste Management System

### 1.0 Description

The solid waste management system (SWMS) is a non-safety-related system. The SWMS is located in the Radwaste Building. The SWMS system design contains components and subsystems that account for the following during normal plant operations and anticipated operational occurrences including startup, shutdown, and refueling operations:

- Collection of wet and dry solid radioactive waste.
- Processing of solid radioactive waste.
- Packaging of solid radioactive waste.
- Storage of solid radioactive waste.

### 2.0 Mechanical Design Features

2.1 The SWMS provides the non-safety related function of storing radioactive solids prior to shipment.

### 3.0 Inspections, Tests, Analyses, and Acceptance Criteria

Table 2.9.2-2 lists the solid waste management system ITAAC.

**Table 2.9.2-1—Solid Waste Management System Equipment  
Mechanical Design**

<b>Description</b>	<b>Tag Number <sup>(1)</sup></b>	<b>Location</b>	<b>Nominal Capacity (gallons)</b>
Resin Proportioning Tank	30KPC10BB001	Radwaste Building	150
Concentrate Buffer Tank	30KPC20BB001	Radwaste Building	3000
Condensate Collection Tank	30KPC50BB001	Radwaste Building	150

1) Equipment tag numbers are provided for information only and are not part of the certified design.

**Table 2.9.2-2—Solid Waste Management System ITAAC**

<b>Commitment Wording</b>		<b>Inspections, Tests, Analyses</b>	<b>Acceptance Criteria</b>
2.1	The SWMS provides the non-safety related function of storing radioactive solids prior to shipment.	An inspection will be performed to verify the nominal volumes of each of the SWMS tanks.	The nominal volume of each of the SWMS tanks is the nominal value indicated in Table 2.9.2-1.